12   C44c8192   P40c200F1   P4012182   P4999597   P5882947   S222888   P531   P8FARA   P50   P406680   P5066800   P508   P506800   P50	L Number	Hits	Search Text	DB	Time stamp
1			("4468192" "4622004" "4913128" "4994959" "5458294" "5222888" "5513		" <b>26906042/</b> Q656 <b>3:28</b> 40" "57913
3				USPAT	
Time			431/6 12 89 90 20 62 cels, and 236/15bd cels, and (pulse adi width) and		
15   31/6,12,89,90,20,6c2 scales and 236/15bd celes   USPAT   2004/04/06 17.32   2014   2014/06 17.32   2014/04/06 17.32   20	3	· ·		001111	200 110 1100 11101
1947	4	50		USPAT	2004/04/06 17:31
13					
1947   (4)45,12,89,90,20,62 cels. 236/15bd cels.)	1		431/0,12,89,90,20,02.0018. 230/150d.0018.		•
1947   (431%,12.89,90.20,62.cets. 236/15bl.cets.)   USPAT   2004/04/06 18.00   (revolutions same minute) and 431/S.cets.   USPAT   USPAT   USPAT   USPAT   USPAT   2002/09/06 15.52   (43030.60"   "4316.60"   "4345.009"   "4385161"   "4927351"   USPAT   2002/09/06 15.52   (43034515"   "4405299"   "44160.60"   "49131.28") PN   USPAT   2002/09/06 15.52   (4304515"   "4405299"   "4418039"   "4519771"   *1455.528") PN   USPAT   2002/09/06 15.52   (4304515"   "4405299"   "4418039"   "4419771"   "4555.528") PN   USPAT   2002/09/06 15.52   (4304515"   "4405299"   "4418039"   "4419771"   "4555.228") PN   USPAT   2002/09/06 15.53   (4304515"   "4405299"   "441982"   "44092559") PN   USPAT   2002/09/06 15.54   (4304515"   "45045297"   "4385397"   "3969064") PN   USPAT   2002/09/06 15.55   (4304515"   "4405299"   "441982"   "44092559") PN   USPAT   2002/09/06 15.55   (4304515"   "4504508	6	15		USPAT	2004/04/00 17.39
Crevolutions same minute) and 431/\$.ccls.	_	10.45		LICDAT	2004/04/06 18:00
U.S.P.GPUB  FPO_PO_PO_PO_PO_PO_PO_PO_PO_PO_PO_PO_PO_P	7				ı ı
Section   Sect	-	26	(revolutions same minute) and 431/3.ccls.		2004/04/06 17:28
B					
Section   "4396369"   "4345009"   "4345009"   "43585161"   "4277351"   "4904099"   "5104161"   "530608") PN   USPAT   200209906 15:52   200209906 15:53   200209906 15:54   200209906 15:54   200209906 15:54   200209906 15:54   200209906 15:54   200209906 15:54   200209906 15:55   200209906 15:54   200209906 15:55					
Care					
1,4994959"   "4501162"   "4536048", PN					
4	-	8	("4330260"   "4396369"   "4545009"   "4585161"   "4927351"	USPAT	2002/09/06 15:52
4					
4	_	4		USPAT	2002/09/06 15:52
S   "4304545"   "440661"   "44413303"   "4519771"   "4552287) PN.   USPAT	_				I I
S	_			1	i i
4	-		("4362400"   "4406611"   "4441982"   "4440918"   "4402550") PN		
- 6 4329138 URPN	-		( T302-777   T700011   "3925307"   "3060064"\ DN		
- 6 4329138 URPN	-				
- 15 5 5630408.URPN. 5997278.URPN. (revolutions same minute) and (fuel same ratio) and (pulse same width) (revolutions same minute) and (fuel same ratio) and (pulse adj width) (revolutions same minute) and (fuel same ratio) and (pulse adj width) (revolutions same minute) and (fuel same ratio) and (pulse adj width) (revolutions same minute) and (fuel same ratio) and (pulse adj width) (revolutions same minute) and (fuel same ratio) and (pulse adj width) (revolutions same minute) and (fuel same ratio) and (pulse adj width) (revolutions same minute) and (fuel same ratio) and (pulse adj width) (revolutions same minute) (revolutions same minute) and (fuel same ratio) and (pulse adj width) (revolutions same minute) (revolutions same minute) (revolutions same ratio) and (pulse adj width) (revolutions same minute) (revolutions same minute) (revolutions same ratio) and (pulse adj width) (revolutions same minute) (revolutions same ratio) and (pulse adj width) (revolutions same minute) (revolutions same ratio) and (pulse adj width) (revolutions same minute) (revolutions same ratio) and (pulse adj width) (revolutions same minute) (revolutions same ratio) and (pulse adj width) (revolutions rations rat	-				
1   5997278 URPN.   (revolutions same minute) and (fuel same ratio) and (pulse same width)   USPAT	-				
125   (revolutions same minute) and (fuel same ratio) and (pulse same width)   USPAT, US-PGPUB, EPO, IPO, DERWENT, IBM_TDB USPAT, US-PGPUB, INSTACT US	-				II II
SPGPUB   S	-	1			1
Proc.   Proc	-	125	(revolutions same minute) and (fuel same ratio) and (pulse same width)		2002/09/06 15:59
- 94 (revolutions same minute) and (fuel same ratio) and (pulse adj width)  - 4 (revolutions same minute) and (fuel same ratio) and (pulse adj width) - 39 (rpm or (revolutions same minute)) and (fuel same ratio) and (pulse adj width) - 39 (rpm or (revolutions same minute)) and (fuel same ratio) and (pulse adj width) - 40 (pulse adj width) and fan - 50 (pulse adj width) and 431/8.cels.  - 50 (pulse adj width) and 431/8.cels.  - 60 (pulse adj width) and 431/8.cels.  - 60 (pulse adj width) and 431/8.cels.  - 70 (pulse adj width) and 431/8.cels.  - 80 (pulse adj width) and 431/8.cels.  - 90 (pulse adj w					
18				ЕРО; ЈРО;	
- 4 (revolutions same minute) and (fuel same ratio) and (pulse adj width)  - 4 (revolutions same minute) and (fuel same ratio) and (pulse adj width) and fan  - 39 (rpm or (revolutions same minute)) and (fuel same ratio) and (pulse adj width) and fan  - 39 (rpm or (revolutions same minute)) and (fuel same ratio) and (pulse adj width) width) and fan  - 4 (pulse adj width) and 431/\$.cels.  - 5 (2 (pulse adj width) and 431/\$.cels.  - 6 (pulse adj width) and 431/\$.cels.  - 6 (pulse adj width) and 431/\$.cels.  - 7 (pulse adj width) and 431/\$.cels.  - 8 ("1955622"   "2216809"   "3814576"   "3829279"   "4204832"   USPAT; US-PGPUB; EPO, JPO; DERWENT; IBM_TDB				DERWENT;	
US.PGPUB; EPO, IPO, DERWENT; IBM_TDB USPAT; US.PGPUB; EPO, JPO, DERWENT; IBM_TDB US.PAT; US.PGPUB; EPO, JPO, DERWENT; ISDM_TDB US.PAT; US.PGPUB; EPO, JPO, DERWENT; ISDM_TDB US.PAT; US.PAT US				IBM TDB	
US-PGPUB; EPO, JPO, DERWENT; IBM_TDB USPAT; US-PGPUB; EPO, JPO, DERWENT; IBM_TDB USPAT USP	_	94	(revolutions same minute) and (fuel same ratio) and (pulse adj width)	USPAT;	2002/09/06 15:59
Crevolutions same minute   and (fuel same ratio) and (pulse adj width)   DERWENT;   BM_TDB   USPAT;   US-PGPUB;   EPO; JPO;   DERWENT;   BM_TDB   USPAT;   USPGPUB;   EPO; JPO;   DERWENT;   BM_TDB   USPAT			, ,		
DERWENT;   IBM_TDB   2002/09/06 16:00   USPAT;   USPAT   USPAT;   USPGPUB;   EPO, IPO, DERWENT;   IBM_TDB   USPAT					
- 4 (revolutions same minute) and (fuel same ratio) and (pulse adj width) and fan  - 39 (rpm or (revolutions same minute)) and (fuel same ratio) and (pulse adj width) and fan  - 62 (pulse adj width) and 431/\$.ccls.  - 62 (pulse adj width) and 431/\$.ccls.  - 18 ("1955622"   "2216809"   "3814576"   "3829279"   "4204832"   USPAT; US-PGPUB; EPO, JPO, DERWENT; IBM_TDB  - 18 ("1955622"   "2216809"   "3814576"   "3829279"   "4204832"   USPAT; US-PGPUB; EPO, JPO, DERWENT; IBM_TDB  - 19 ("4334855"   "4340355"   "4533315"   "4790268"   "5112217"   "5244381"   "5762490"   "5806440"   "5873712").PN.  - 8 5806440.URPN 14 ("4659290"   "4722669"   "4856078"   "5028861"   "5099181"   USPAT - 14 ("4659290"   "3722669"   "4856078"   "50364026"   "5448143"   "5457766"   "55563480"   "5727928"   "5806440").PN 23 ("3924605"   "3964675"   "4185685"   "4204832"   "4205631"   "4403033"   "4488746"   "4703747"   "4789330"   "4829703"   "4860331"   "4860331"   "4860331"   "4407373"   "4978896"   "5019757"   "5272427"   "5279234"					
- 4 (revolutions same minute) and (fuel same ratio) and (pulse adj width) and fan  (rpm or (revolutions same minute)) and (fuel same ratio) and (pulse adj width) and fan  (rpm or (revolutions same minute)) and (fuel same ratio) and (pulse adj width) and fan  (rpm or (revolutions same minute)) and (fuel same ratio) and (pulse adj wispart, US-PGPUB, EPO, JPO, DERWENT, IBM_TDB USPAT, US-PGPUB, ISPO, JPO, DERWENT, ISPAT, IS					
and fan  and fan  and fan  (rpm or (revolutions same minute)) and (fuel same ratio) and (pulse adj width) and fan  (rpm or (revolutions same minute)) and (fuel same ratio) and (pulse adj width) and fan  (pulse adj width) and 431/\$.ccls.  (pulse adj width) and 431/\$.ccls.  ("1955622"   "2216809"   "3814576"   "3829279"   "4204832"   USPAT; US-PGPUB; EPO; PPO; DERWENT; IBM_TDB  "3334855"   "4340355"   "4533315"   "4790268"   "5112217"   "5244381"   "5423675"   "5524556"   "5667375"   "5702231"   "5762490"   "\$806440"   "5873712").PN.  8   5806440.URPN.   "4856078"   "508861"   "5099181"   USPAT   USPAT   2002/09/06 16:08   USPAT   USPAT   2002/09/06 16:08   USPAT   2002/09/06 16:09   USPAT   USPAT   2002/09/06 16:09   USPAT   2002/09/07   USPAT   2		4	(revolutions some minute) and (final same ratio) and (nulse adjuvidth)		2002/09/06 16:00
- 39 (rpm or (revolutions same minute)) and (fuel same ratio) and (pulse adj uspart; u	-	4			2002/03/00 10:00
DERWENT;   IBM_TDB   USPAT			and ran		
- 39 (rpm or (revolutions same minute)) and (fuel same ratio) and (pulse adj width) and fan  62 (pulse adj width) and 431/\$.ccls.  62 (pulse adj width) and 431/\$.ccls.  63 ("1955622"   "2216809"   "3814576"   "3829279"   "4204832"   USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB USPAT US-PGPUB; EPO; JPO; DERWENT; IBM_TDB USPAT US-PGPUB; I "5244381"   "5423675"   "4533315"   "4790268"   "5112217"   "5762490"   "5806440"   "5873712").PN.  64 ("4659290"   "4722669"   "4856078"   "5028861"   "5099181"   USPAT USPAT 2002/09/06 16:08   "5197858"   "5257508"   "5363024"   "5364026"   "5448143"   "5457766"   "5563480"   "5727928"   "5806440").PN.  65 ("3924605"   "485746"   "487374"   "4789330"   "4829703"   "48680231"   "4488547"   "4703747"   "4789330"   "4829703"   "4860231"   "4907737"   "4978896"   "5019757"   "5272427"   "5279234"					
- 39 (rpm or (revolutions same minute)) and (fuel same ratio) and (pulse adj width) and fan  - 62 (pulse adj width) and 431/\$.ccls.  - 62 (pulse adj width) and 431/\$.ccls.  - 18 ("1955622"   "2216809"   "3814576"   "3829279"   "4204832"   USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB USPAT   USP					
width) and fan  Width) and fan  US-PGPUB; EPO, JPO; DERWENT; IBM_TDB USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB USPAT  "4334855"   "2216809"   "3814576"   "3829279"   "4204832"   "5244381"   "5244381"   "5244381"   "55643675"   "5564395"   "55762490"   "5806440"   "5873712").PN.  8					2002/00/06 16:02
EPO; JPO; DERWENT; IBM_TDB USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB USPAT 2002/09/06 16:06 "4334855"   "4340355"   "4533315"   "4790268"   "5112217"   "5244381"   "5423675"   "5524556"   "5667375"   "5720231"   "5762490"   "5806440"   "5873712").PN.  - 8 5806440.URPN 14 ("4659290"   "4722669"   "4856078"   "5028861"   "5099181"   USPAT 2002/09/06 16:07   USPAT 2002/09/06 16:08   "5197858"   "5257508"   "5363024"   "5364026"   "5448143"   "5457766"   "5563480"   "57279228"   "8806440").PN 23 ("3924605"   "3964675"   "4185685"   "4204832"   "4205631"   USPAT 2002/09/06 16:09   "4402303"   "4485746"   "4487137"   "4638233"   "4648551"   "4648551"   "4907737"   "4978896"   "5019757"   "5272427"   "5279234"	-	39		1 '	2002/09/06 16:03
DERWENT; IBM_TDB USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB USPAT USP			width) and fan		
- 62 (pulse adj width) and 431/\$.ccls.  [BM_TDB USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB USPAT 2002/09/06 16:42 USPAT 2002/09/06 16:06   "4334855"   "4340355"   "4533315"   "4790268"   "5112217"   "5244381"   "5423675"   "5524556"   "5667375"   "5720231"   "5762490"   "5806440"   "5873712").PN.  - 8 5806440.URPN 14 ("4659290"   "4722669"   "4856078"   "5028861"   "5099181"   USPAT 2002/09/06 16:07 2002/09/06 16:08   "5197858"   "5257508"   "5363024"   "5364026"   "54848143"   "5457766"   "5563480"   "5727928"   "5806440").PN.  - 23 ("3924605"   "3964675"   "4185685"   "4204832"   "4205631"   "4402303"   "4485746"   "4487137"   "4638233"   "4648551"   "4688547"   "4703747"   "4789330"   "4829703"   "4860231"   "4907737"   "4978896"   "5019757"   "5272427"   "5279234"			·	1	
- 62 (pulse adj width) and 431/\$.ccls.  (pulse adj width) and 4204832"   "4204832"   "4204832"   "4204832"   "4204832"   "4204832"   "4205631"   "468854"   "4402303"   "4688547"   "4703747"   "4638233"   "4648551"   "4688547"   "4703747"   "4638233"   "4648551"   "4860231"   "4907737"   "4978896"   "5019757"   "5272427"   "5272427"   "5279234"   "5279234"   "52024					
US-PGPUB; EPO; JPO; DERWENT; IBM_TDB USPAT 2002/09/06 16:06 "5564481"   "5244381"   "5423675"   "4533315"   "4790268"   "5112217"   "5762490"   "5806440"   "5873712").PN.  -	]				
EPO; JPO; DERWENT; IBM_TDB  - 18 ("1955622"   "2216809"   "3814576"   "3829279"   "4204832"   USPAT 2002/09/06 16:06  - "4334855"   "4340355"   "4533315"   "4790268"   "5112217"   "5244381"   "5423675"   "5524556"   "5667375"   "5720231"   "5762490"   "5806440"   "5873712").PN.  - 8 5806440.URPN.  - 14 ("4659290"   "4722669"   "4856078"   "5028861"   "5099181"   USPAT 2002/09/06 16:08  - "5197858"   "5257508"   "5363024"   "5364026"   "5448143"   "5457766"   "5563480"   "5727928"   "5806440").PN.  - 23 ("3924605"   "3964675"   "4185685"   "4204832"   "4205631"   USPAT 2002/09/06 16:09  - 4688547"   "4703747"   "4789330"   "4829703"   "4860231"   "4907737"   "4978896"   "5019757"   "5272427"   "5279234"	-	62	(pulse adj width) and 431/\$.ccls.		2002/09/06 16:42
- 18 ("1955622"   "2216809"   "3814576"   "3829279"   "4204832"   USPAT 2002/09/06 16:06				US-PGPUB;	
- 18 ("1955622"   "2216809"   "3814576"   "3829279"   "4204832"   USPAT 2002/09/06 16:06				ЕРО; ЛРО;	
- 18 ("1955622"   "2216809"   "3814576"   "3829279"   "4204832"   USPAT 2002/09/06 16:06   "5762490"   "5423675"   "5524556"   "5667375"   "5720231"   "5762490"   "5806440"   "5873712").PN.					
- 18 ("1955622"   "2216809"   "3814576"   "3829279"   "4204832"   USPAT 2002/09/06 16:06   "4334855"   "4340355"   "4533315"   "4790268"   "5112217"   "5244381"   "5423675"   "5524556"   "5667375"   "5720231"   "5762490"   "5806440"   "5873712").PN.					
"4334855"   "4340355"   "4533315"   "4790268"   "5112217"    "5244381"   "5423675"   "5524556"   "5667375"   "5720231"    "5762490"   "5806440"   "5873712").PN.  8	_	18	("1955622"   "2216809"   "3814576"   "3829279"   "4204832"		2002/09/06 16:06
- 8   5244381"   "5423675"   "5524556"   "5667375"   "5720231"   "5762490"   "5806440"   "5873712").PN.		'6	"4334855"   "4340355"   "4533315"   "4790268"   "5112217"		- : : -
- 8   "5762490"   "5806440"   "5873712").PN.   USPAT   2002/09/06 16:07   2002/09/06 16:07   2002/09/06 16:07   2002/09/06 16:08   "5197858"   "5257508"   "5363024"   "5364026"   "5448143"   2002/09/06 16:08   2002/09/06 16:08   2002/09/06 16:08   2002/09/06 16:08   2002/09/06 16:08   2002/09/06 16:08   2002/09/06 16:09   2002/09/06   2002/09/06   2002/09/06   2002/09/06   2002/09/06   2002					
- 8   5806440.URPN.					
- 14 ("4659290"   "4722669"   "4856078"   "5028861"   "5099181"   USPAT 2002/09/06 16:08		_	· · · · · · · · · · · · · · · · · · ·	HISPAT	2002/09/06 16:07
"5197858"   "5257508"   "5363024"   "5364026"   "5448143"    "5457766"   "5563480"   "5727928"   "5806440").PN.  23 ("3924605"   "3964675"   "4185685"   "4204832"   "4205631"    "4402303"   "4485746"   "4487137"   "4638233"   "4648551"    "4688547"   "4703747"   "4789330"   "4829703"   "4860231"    "4907737"   "4978896"   "5019757"   "5272427"   "5279234"	-			1	
- 23   "5457766"   "5563480"   "5727928"   "5806440").PN. - 23   ("3924605"   "3964675"   "4185685"   "4204832"   "4205631"   USPAT   2002/09/06 16:09   "4402303"   "4485746"   "4487137"   "4638233"   "4648551"   "4688547"   "4703747"   "4789330"   "4829703"   "4860231"   "4907737"   "4978896"   "5019757"   "5272427"   "5279234"	-	14	[ ("4659290"   "4722669"   "4856078"   "5028861"   "5099181"	USPAI	2002/09/00 10:08
- 23 ("3924605"   "3964675"   "4185685"   "4204832"   "4205631"   USPAT 2002/09/06 16:09   "4402303"   "4485746"   "4487137"   "4638233"   "4648551"   "4688547"   "4703747"   "4789330"   "4829703"   "4860231"   "4907737"   "4978896"   "5019757"   "5272427"   "5279234"					
"4402303"   "4485746"   "4487137"   "4638233"   "4648551"   "4688547"   "4703747"   "4789330"   "4829703"   "4860231"   "4907737"   "4978896"   "5019757"   "5272427"   "5279234"				TYOP : T	000010010010
"4688547"   "4703747"   "4789330"   "4829703"   "4860231"   "4907737"   "4978896"   "5019757"   "5272427"   "5279234"	<b> </b> -	23	("3924605"   "3964675"   "4185685"   "4204832"   "4205631"	USPAT	2002/09/06 16:09
"4688547"   "4703747"   "4789330"   "4829703"   "4860231"   "4907737"   "4978896"   "5019757"   "5272427"   "5279234"			"4402303"   "4485746"   "4487137"   "4638233"   "4648551"		1
"4907737"   "4978896"   "5019757"   "5272427"   "5279234"			"4688547"   "4703747"   "4789330"   "4829703"   "4860231"		
			"4907737"   "4978896"   "5019757"   "5272427"   "5279234"		
			"5331944"   "5447414"   "5616995").PN.		

Search History 4/6/04 6:01:16 PM Page 1

-	4	5616995.URPN.	USPAT	2002/09/06 16:09
-	14	("3873901"   "4090663"   "4462217"   "4468171"   "4486693"	USPAT	2002/09/06 16:12
		"4500821"   "4518318"   "4549601"   "4604036"   "4638233"		
		"4644238"   "4648551"   "4653285"   "4688547").PN.		
_	35	4648551.URPN.	USPAT	2002/09/06 16:12
_	23	("3924605"   "3964675"   "4185685"   "4204832"   "4205631"	USPAT	2002/09/06 16:18
	25	"4402303"   "4485746"   "4487137"   "4638233"   "4648551"		
		"4688547"   "4703747"   "4789330"   "4829703"   "4860231"		
1		"4907737"   "4978896"   "5019757"   "5272427"   "5279234"		
		"5331944"   "5447414"   "5616995").PN.		
			USPAT	2002/09/06 16:19
-	6	6037732.URPN.	USPAT	2002/09/06 16:19
-	14	["4659290"   "4722669"   "4856078"   "5028861"   "5099181"	USFAI	2002/09/00 10.19
		"5197858"   "5257508"   "5363024"   "5364026"   "5448143"		
		"5457766"   "5563480"   "5727928"   "5806440").PN.		***********
-	7	("4977375"   "5099181"   "5436827"   "5448143"   "5469320"	USPAT	2002/09/06 16:19
		"5513361"   "5534854").PN.		
	8	("4489680"   "4546742"   "4555910"   "4733541"   "4763347"	USPAT	2002/09/06 16:20
		"4804892"   "5234050"   "5363024").PN.		
_	2	("1175888"   "1711982").PN.	USPAT	2002/09/06 16:23
-	2	1175888.URPN.	USPAT	2002/09/06 16:23
_	3	3829279.URPN.	USPAT	2002/09/06 16:23
	4	("3523643"   "4315296"   "4421268"   "4638942").PN.	USPAT	2002/09/06 16:29
-	17	4887767.URPN.	USPAT	2002/09/06 16:30
-	17	4887767.URPN.	USPAT	2002/09/06 16:31
-			USPAT	2002/09/06 16:31
-	17	4887767.URPN.	USPAT	2002/09/06 16:31
-	4	4723703.URPN.		1
-	1	"4319873".PN.	USPAT	2002/09/06 16:33
-	3	4575333.URPN.	USPAT	2002/09/06 16:33
-	118	(pulse adj width) and f23n\$	USPAT;	2002/09/06 16:43
			US-PGPUB;	
			ЕРО; ЛРО;	
			DERWENT;	
			IBM_TDB	
-	29	(pulse adj width) and f23n\$ and fan	USPAT;	2002/09/06 17:42
			US-PGPUB;	
			ЕРО; ЛРО;	
			DERWENT;	
			IBM_TDB	
_	4	5557182.URPN.	USPĀT	2002/09/06 16:44
	i	1998-279129.NRAN.	DERWENT	2002/09/06 16:51
	8	((pulse adj width) and f23n\$ and blower) not fan	USPAT;	2002/09/06 16:56
-	0	((purse adj widdi) and 12311\$ and blower) not fair	US-PGPUB;	2002/07/00 10:50
			ЕРО; ЛРО;	
			DERWENT;	
	_	(1077/407011) DNI	IBM_TDB	2002/09/06 17:00
-	3	("2764972").PN.	USPAT;	2002/09/06 17:00
:			US-PGPUB;	
İ			EPO; JPO;	
			DERWENT;	
			IBM_TDB	
-	4	("2711683").PN.	USPAT;	2002/09/06 17:00
			US-PGPUB;	
1			ЕРО; ЈРО;	
1			DERWENT;	
			IBM TDB	
1.	8	(pulse adj width) and 431/12.ccls.	USPAT;	2002/09/06 17:45
		Charge and Arrany arra to 11 the 12 the	US-PGPUB;	
1			ЕРО; ЛРО;	
			DERWENT;	
			IBM TDB	
1	1	1	1 *************************************	1

r			YIOD (E	2002/00/05 17 10
-	40	(pulse adj width) and 431/13-90.ccls.	USPAT;	2002/09/06 17:49
			US-PGPUB;	
			ЕРО; ЛРО;	
			DERWENT;	
			IBM_TDB	
_	7	(pwm) and 431/13-90.ccls.	USPAT;	2002/09/06 17:50
			US-PGPUB,	
			ЕРО; ЛРО;	
			DERWENT;	
			IBM_TDB	
	0	(pwm) and (fuel same ratio) and fan and f23n\$	USPAT;	2002/09/06 17:51
-	"	(pwiii) and (ruci same ratio) and ran and 125115	US-PGPUB;	2002/07/00 17.31
			ЕРО; ЈРО;	
			DERWENT;	
			IBM_TDB	
-	5	(pwm) and fan and f23n\$	USPAT;	2002/09/06 17:54
			US-PGPUB;	
			ЕРО; ЈРО;	
			DERWENT;	
			IBM_TDB	
_	0	(pwm) and fan and f23k\$	USPAT;	2002/09/06 17:54
	'	(L)	US-PGPUB;	
	!		ЕРО; ЛРО;	
			DERWENT;	
			IBM_TDB	
				2002/00/07 17.55
-	0	((pulse adj width) or (pwm)) and fan and f23k\$	USPAT;	2002/09/06 17:55
			US-PGPUB;	
			ЕРО; ЈРО;	
			DERWENT;	
			IBM_TDB	
-	16	((pulse adj width) or (pwm)) and f23k\$	USPAT;	2002/09/06 17:57
			US-PGPUB;	
			ЕРО; ЈРО;	
1			DERWENT;	
			IBM_TDB	
_	3	((pulse adj width) or (pwm)) and f231\$	USPAT;	2002/09/06 18:01
		((pains and many) of (pmin)) and issue	US-PGPUB;	2002/09/00 10/01
		·	EPO; JPO;	
			DERWENT;	
	30	((al., a.l., a.d.l.) (a) d 100/b	IBM_TDB	2002/00/05 10:02
-	30	((pulse adj width) or (pwm)) and 126/\$.ccls.	USPAT;	2002/09/06 18:02
			US-PGPUB;	
			ЕРО; ЈРО;	
	]		DERWENT;	
			IBM_TDB	
-	8	((pulse adj width) or (pwm)) and 126/\$.ccls. and (fan or blower)	USPAT;	2002/09/06 18:05
			US-PGPUB;	
			ЕРО; ЛРО;	
			DERWENT;	
			IBM_TDB	
-	0	((pulse adj width) or (pwm)) and f23c\$. and (fan or blower)	USPĀT;	2002/09/06 18:05
	j .	(A) (L	US-PGPUB;	
	· ·		ЕРО; ЛРО;	
			DERWENT;	
			IBM_TDB	
		((11;14h) () and 624-0 4 (611)		2002/00/04 10:05
-	1	((pulse adj width) or (pwm)) and f24c\$ and (fan or blower)	USPAT;	2002/09/06 18:05
			US-PGPUB;	
			ЕРО; ЈРО;	
			DERWENT;	
			IBM_TDB	

	1 2	("4887767").PN.	LICDAT.	2002/00/07 07 20
-	2	("4887/67").PN.	USPAT;	2002/09/07 07:29
			US-PGPUB;	
			ЕРО; ЈРО;	
			DERWENT;	
1		·	IBM_TDB	
-	10442	((sense or monitor) same (fan or blower))	USPĀT;	2002/09/07 07:30
			US-PGPUB;	
			ЕРО; ЛРО;	
			DERWENT;	
			IBM_TDB	
_	2421	((sense or monitor) same (fan or blower)) same (rotation speed rpm)	USPAT;	2002/09/07 07:31
_	2421	((sense of mornor) same (ran of blower)) same (rotation speed tpm)	US-PGPUB;	2002/09/07 07.31
			EPO; JPO;	
			DERWENT;	
			IBM_TDB	
-	2421	(((sense or monitor) same (fan or blower)) same (rotation speed rpm))	USPAT;	2002/09/07 07:31
			US-PGPUB;	
			ЕРО; ЈРО;	
			DERWENT;	
			IBM_TDB	
_	414	(((sense or monitor) same (fan or blower)) same (rotation speed rpm))	USPĀT;	2002/09/07 07:31
		and fuel	US-PGPUB;	
			EPO; JPO;	
			DERWENT;	
		·		
	1050	(//	IBM_TDB	2002/00/07 07 22
-	1058	(((sense or monitor or detect\$) same (fan or blower)) same (rotation	USPAT;	2002/09/07 07:32
		speed rpm)) and fuel	US-PGPUB;	
			EPO; JPO;	
			DERWENT;	
			IBM_TDB	
-	416	(((sense or monitor or detect\$) same (fan or blower)) same (rotation	USPAT;	2002/09/07 08:12
		speed rpm)) and (valve same fuel)	US-PGPUB,	
		,	ЕРО; ЛРО;	
			DERWENT;	
			IBM_TDB	
	104	(((((sense or monitor or detect\$) same (fan or blower)) same (rotation	USPAT;	2002/09/07 07:32
	104	speed rpm)) and (valve same fuel)) and pulse	US-PGPUB;	2002/03/07 07.32
		speed (pin)) and (varve same fuer)) and pulse		
			EPO; JPO;	
		,	DERWENT;	
			IBM_TDB	
-	77	((((sense or monitor or detect\$) same (fan or blower)) same (rotation	USPAT;	2002/09/07 08:13
		speed rpm)) and (valve same fuel)) and (pwm or width)	US-PGPUB;	
			ЕРО; ЈРО;	
			DERWENT;	
			IBM_TDB	
-	4	("3834355"   "4651680"   "4712515"   "5281309").PN.	USPĀT	2002/09/07 07:39
-	0	6401669.URPN.	USPAT	2002/09/07 07:40
-	2	5658140.URPN.	USPAT	2002/09/07 07:58
-	375	(((sense or monitor or detect\$) same (fan or blower)) same (rotation	USOCR	2002/09/07 08:13
		speed rpm)) and (valve same fuel)		2502105101 00.15
_	52	((((sense or monitor or detect\$) same (fan or blower)) same (rotation	USOCR	2002/09/07 08:14
	52	speed rpm)) and (valve same fuel)) and (pwm or width)	OBOCK	2002/03/07 06.14
	6	((((sense or monitor or detect\$) same (fan or blower)) same (rotation	LISOCD	2002/00/07 00:24
-	0		USOCR	2002/09/07 08:26
	.	speed rpm)) and (valve same fuel)) and (pwm or width) and pulse	Hone	0000/00/05 00 5=
-	1	("4913128").PN.	USPAT	2002/09/07 08:27
-	1	("5997278").PN.	USPAT	2002/09/07 08:28
-	1	("4860231").PN.	USPAT	2002/09/07 08:28
-	2741	(126/\$.ccls. 236/\$.ccls. 237/\$.ccls. 431/\$.ccls.) and ratio and (fan	USPAT;	2003/09/22 11:17
		blower)	US-PGPUB;	
			ЕРО; ЛРО;	
			DERWENT;	
			IBM_TDB	

				7
-	1792	(126/\$.ccls. 236/\$.ccls. 237/\$.ccls. 431/\$.ccls.) and air and fuel and ratio	USPAT;	2003/09/22 11:18
		and (fan blower)	US-PGPUB;	
		·	ЕРО; ЛРО;	
			DERWENT;	
			IBM_TDB	2002/00/22 11 10
-	1838	(126/\$.ccls. 236/\$.ccls. 237/\$.ccls. 431/\$.ccls.) and air and fuel and (fan	USPAT;	2003/09/22 11:19
		blower) and (revolution\$2 rpm speed)	US-PGPUB;	
			ЕРО; ЈРО;	
			DERWENT;	
			IBM_TDB	2002/00/22 11 10
-	1159	(126/\$.ccls. 236/\$.ccls. 237/\$.ccls. 431/\$.ccls.) and air and fuel and (fan	USPAT;	2003/09/22 11:19
		blower) and (revolution\$2 rpm speed) and valve	US-PGPUB;	
			EPO; JPO;	
			DERWENT;	
	151	(10.6/0 1 00.6/0 1 00.7/0 1 40.1/0 -1-) 4 61 4 (6	IBM_TDB	2002/00/22 12:10
-	171	(126/\$.ccls. 236/\$.ccls. 237/\$.ccls. 431/\$.ccls.) and air and fuel and (fan	USPAT; US-PGPUB;	2003/09/22 13:10
		blower) and (revolution\$2 rpm speed) and valve and pulse		
	1		EPO; JPO;	
			DERWENT;	
		4220120 LIDTNI	IBM_TDB USPAT	2003/09/22 11:29
-	6	4329138.URPN.	USPAT	2003/09/22 11:30
-	4	("4329138"   "4588372"   "4622004"   "4622005").PN.	USPAT	2003/09/22 11:30
-	4	4913128.URPN.	USPAT	2003/09/22 11:31
-	$\frac{1}{2}$	"2470996".PN.	USPAT	2003/09/22 11:32
-	23	4373662.URPN.   ("4288854"   "4292813"   "4356962"   "4373662"   "4460123").PN.	USPAT	2003/09/22 11:33
-	5 18	4288834   4292813   4330902   4373002   4400123 ).TN.	USPAT	2003/09/22 12:02
-		4038942.UKFN.   ("2259119"   "2820939"   "3481538"   "3489345"   "3613391"	USPAT	2003/09/22 12:06
-	13	( 2239119   2820939   3461336   3489343   3013391     "3865181"   "3918677"   "4004730"   "4135487"   "4316130"	OBIAI	2003/07/22 12:00
	ļ	3803181   3918077   4004730   4153487   4310130     "4316420"   "4334855"   "4467998").PN.		
	7	4510420   4534655   4407556 ).FR.	USPAT	2003/09/22 12:07
-	65	4077377.0KFK.   ("3096467"   "3152462"   "3165685"   "3216226"   "3284692"	USPAT	2003/09/22 12:09
<del>-</del>	0.5	"3293532"   "3499297"   "3559013"   "3577053"   "3577057"	OBITI	2003/03/22 12:03
		"3599062"   "3603869"   "3628110"   "3651368"   "3689815"		
		"3696277"   "3696278"   "3733540"   "3766458"   "3893863"		,
		"3824446"   "3849718"   "3877243"   "3894277"   "3896348"		
		"3898544"   "3969658"   "3997823"   "4011487"   "4016468"		
		"4024725"   "4025833"   "4080553"   "4103216"   "4151450"		
		"4175409"   "4227106"   "4255696"   "4275343"   "4282464"		
		"4282471"   "4423343"   "4429262"   "4494055"   "4499408"		
		"4525658"   "4528485"   "4540921"   "4560909"   "4591768"		
		"4636936"   "4638233"   "4642536"   "4642537"   "4667480"		
		"4673855"   "4675589"   "4677357"   "4678973"   "4686436"		
		"4687977"   "4694210"   "4694228"   "4712050"   "4749927").PN.		
-	24	4749927.URPN.	USPAT	2003/09/22 12:10
_	10	4752210.URPN.	USPAT	2003/09/22 12:16
-	17	("4251025"   "4334855"   "4703747"   "4729207"   "4752210"	USPAT	2003/09/22 12:24
		"4887767"   "5060722"   "5075608"   "5271556"   "5309892"		
		"5331944"   "5418438"   "5524556"   "5676069"   "5682826"		
		"5791332"   "5806440").PN.		
-	3	5222888.URPN.	USPAT	2003/09/22 12:42
-	5	("4298334"   "4412328"   "4421268"   "4752210"   "5076780").PN.	USPAT	2003/09/22 12:43
-	19	("4192641"   "4334855"   "4445638"   "4533315"   "4547150"	USPAT	2003/09/22 12:53
		"4583936"   "4588372"   "4676734"   "4688547"   "4707646"		
		"4729207"   "5001640"   "5027789"   "5037291"   "5112217"		
		"5123080"   "5206566"   "5248083"   "5307990").PN.	HODAT	2002/00/22 12 52
-	9	5685707.URPN.	USPAT	2003/09/22 12:58
-	9	("3960320"   "4385887"   "4994959"   "5400962"   "5401162"	USPAT	2003/09/22 12:59
		"5406840"   "5513979"   "5630408"   "5685707").PN.	LICDATE	2002/00/22 12 22
-	6	("3947217"   "4330260"   "4396369"   "4545009"   "4586893"	USPAT	2003/09/22 13:02
	_	"4994959").PN.	HCDAT	2002/00/22 12:05
-	8	("4436505"   "5253475"   "5658140"   "5899683"   "5919035"	USPAT	2003/09/22 13:05
		"5924859"   "5971745"   "5984663").PN.	l	

-	127	(126/\$.ccls. 431/\$.ccls.) and air and fuel and (fan blower) and	USPAT;	2003/09/22 13:10
		(revolution\$2 rpm speed) and valve and pulse	US-PGPUB;	
			EPO; JPO;	
			DERWENT;	
_	20	(126/\$.ccls. 431/\$.ccls.) and air and fuel and (fan blower) and	IBM_TDB USOCR	2003/09/22 13:12
_	20	(revolution\$2 rpm speed) and valve and pulse	OBOCK	2003/03/22 13.12
_	20	(126/116a.ccls.) and air and fuel and (fan blower) and (revolution\$2 rpm	USOCR	2003/09/22 13:13
		speed) and valve	020011	2000.03.22 13.13
-	45	(126/116a.ccls.) and air and fuel and (fan blower) and (revolution\$2 rpm	USPAT;	2003/09/22 13:13
		speed) and valve	US-PGPUB;	
			ЕРО; ЛРО;	
			DERWENT;	
	1.4	(#4251025# 1 #4224055# 1 #4240255# 1 #4405075# 1 #4700727# 1	IBM_TDB	2002/00/22 12 15
-	14	[ ("4251025"   "4334855"   "4340355"   "4485965"   "4708636"	USPAT	2003/09/22 13:15
		"4729207"   "5215115"   "5248083"   "5307990"   "5340028"     "5369597"   "5590642"   "5601071"   "5860411").PN.		
_	1747	(pwm) and rpm	USPAT;	2003/09/23 13:02
	1	(PWM) and IPM	US-PGPUB;	2003/07/23 13.02
			ЕРО; ЛРО;	
			DERWENT;	
			IBM_TDB	
-	16	(pwm and rpm) and (431/\$.ccls. 126/\$.ccls. 236/\$.ccls. 237/\$.ccls.)	USPAT;	2003/09/23 13:03
			US-PGPUB;	
			ЕРО; ЛРО;	
	İ		DERWENT;	
	195	(pulse sam ewidth) and (fan and f23n\$)	IBM_TDB USPAT;	2003/12/22 10:49
-	173	(purse sam ewidin) and (ran and 125mp)	US-PGPUB;	2003/12/22 10.49
			ЕРО; ЛРО;	
			DERWENT;	
			IBM_TDB	
-	4	rpm and voltage and (fan blower) and pwm	ЕРО; ЈРО;	2003/12/22 10:52
			DERWENT	
-	241	rpm and voltage and (fan blower) and pwm	USPAT	2003/12/22 10:52
-	0 7	431/\$.ccls. and rpm and voltage and (fan blower) and pwm 431/\$.ccls. and (speed revolution) and voltage and (fan blower) and	USPAT	2003/12/22 10:54
-	/	(pulse adj width)	USPAT	2003/12/22 10:55
_	2	("5658140").PN.	USPAT;	2003/12/22 12:20
	_	(1333113 )	US-PGPUB;	2003/12/22 12:20
		,	ЕРО; ЛРО;	
			DERWENT;	
			IBM_TDB	
-	6	("4436506"   "4752210"   "4913128"   "4927351"   "5222888"	USPAT	2003/12/22 11:50
_	3	"5520533").PN. 5658140.URPN.	USPAT	2003/12/22 11:50
_	5217	calorific adj value	ОЅРАТ ЕРО; ЈРО;	2003/12/22 11:50
	] 5217		DERWENT	2003/12/22 12.20
-	84840	(blower faan) adn (calorific adj value)	EPO; JPO;	2003/12/22 12:20
			DERWENT	
-	78	(blower faan) and (calorific adj value)	ЕРО; ЛРО;	2003/12/22 12:20
			DERWENT	
-	229	(blower fan) and (calorific adj value)	ЕРО; ЛРО;	2003/12/22 12:20
	33	valva and (blayvar fan) and (calarific adi valva)	DERWENT	2002/12/22 12:24
-	33	valve and (blower fan) and (calorific adj value)	EPO; JPO; DERWENT	2003/12/22 12:24
-	284	valve and (blower fan) and (calorific adj value)	USPAT	2003/12/22 12:24
_	7183021	not 110/\$.ccls.	USPAT	2003/12/22 12:24
-	204	(valve and (blower fan) and (calorific adj value)) not 110/\$.ccls.	USPAT	2003/12/22 12:24
-	39	(valve and (blower fan) and (calorific adj value)) and 431/\$.ccls	USPAT	2003/12/22 12:25
-	39	(valve and (blower fan) and (calorific adj value)) and 431/\$.ccls.	USPAT	2003/12/22 12:33
-	527	f23n003/08	ЛО	2003/12/22 12:36
L <u>-</u>	23	f23n003/08 and pulse	ЛО	2003/12/22 12:47

23,003,008 and pulse				·	
22	-	37	f23n003/08 and pulse	EPO; JPO; DERWENT	2003/12/22 12:47
40	-	14	f23n003/08 and pulse not (f23n003/08 and pulse)	ЕРО; ЈРО;	2003/12/22 12:49
15   123	-	46	f23n003/\$3 and pulse not (f23n003/08 and pulse)	ЕРО; ЈРО;	2003/12/22 12:49
15   2230003/\$3 and (pulse adj width)	-	69	f23n003/\$3 and pulse	ЕРО; ЛРО;	2003/12/22 12:49
146   Voltage and (fan blower) and (pulse adj width)	-	15	f23n003/\$3 and (pulse adj width)	ЕРО; ЈРО;	2003/12/22 12:50
7   voltage and (fan blower) and (pulse adj width) and valve   EPO_PO_   2003/12/22 12:53	-	146	voltage and (fan blower) and (pulse adj width)	ЕРО; ЈРО;	2003/12/22 12:52
752	-	7	voltage and (fan blower) and (pulse adj width) and valve	ЕРО; ЛРО;	2003/12/22 12:53
200	1_	752	voltage and (fan blower) and (pulse adi width) and valve		2003/12/22 12:53
valve	-				
and valve	-	203		USFAI	2003/12/22 12.33
and (pulse adj width) and valve	-	122		USPAT	2003/12/22 14:49
and (pulse adj width) and valve	-	4		USPAT	2003/12/22 14:51
and (pulse adj width) and valve	-	0	and (pulse adj width) and valve		2003/12/22 14:51
0	-	0	and (pulse adj width) and valve	USOCR	2003/12/22 14:51
width) and valve	-	0	(126/\$.ccls. 122/\$.ccls.) and voltage and (fan blower) and (pulse adj	USOCR	2003/12/22 14:51
width  and valve	-	5	width) and valve	USPAT	2003/12/22 14:54
and valve   2   (126/\$.ccls. 122/\$.ccls.) and rpm and (fan blower) and ((pulse adj width) same valve)   USPAT   2003/12/22 15:14   width) same valve)   4   (431/\$.ccls.) and rpm and (fan blower) and ((pulse adj width) same valve)   USPAT   2003/12/22 15:16   valve   USPAT   2003/12/22 15:16   color   fuel and rpm and (fan blower) and ((pulse adj width) same valve)   USPAT   2003/12/22 15:18   18   fuel and rpm and (fan blower) and ((pulse adj width) same valve)   USPAT   2003/12/22 15:18   123/\$.ccls.   2003/12/22 15:21   2003/12/22 15:21   2003/12/22 15:21   2003/12/22 15:21   2003/12/22 15:21   2003/12/22 15:21   2003/12/22 15:22   2003/12/22 15:23   2003/12/22 15:23   2003/12/22 15:23   2003/12/22 15:23   2003/12/22 15:23   2003/12/22 15:23   2003/12/22 15:23   2003/12/22 15:23   2003/12/22 15:23   2003/12/22 15:23   2003/12/22 15:23   2003/12/22 15:23   2003/12/22 15:23   2003/12/22 15:23   2003/12/22 15:23   2003/12/22 15:23   2003/12/22 15:23   2003/12/22 15:34   2003/12/22 15:3	-	6		USPAT	2003/12/22 15:11
width) same valve	-	3		USPAT	2003/12/22 15:13
valve	-	2		USPAT	2003/12/22 15:14
63	-	4	, , , , , , , , , , , , , , , , , , , ,	USPAT	2003/12/22 15:16
63	-	103	rpm and (fan blower) and ((pulse adj width) same valve)	USPAT	2003/12/22 15:16
123/\$.ccls.   3355   (average same voltage) and ((pulse adj width) same valve)   USPAT   2003/12/22 15:21   2003/12/22 15:23   2003/12/22 15:23   2003/12/22 15:23   2003/12/22 15:23   2003/12/22 15:23   2003/12/22 15:23   2003/12/22 15:23   2003/12/22 15:23   2003/12/22 15:23   2003/12/22 15:23   2003/12/22 15:23   2003/12/22 15:23   2003/12/22 15:34   2003/12/22 15:34   2003/12/22 15:38   2003/12/22 15:38   2003/12/22 15:38   2003/12/22 15:38   2003/12/22 15:38   2003/12/22 15:38   2003/12/22 15:38   2003/12/22 15:39   2003/12/22 15:39   2003/12/22 15:39   2003/12/22 15:39   2003/12/22 15:39   2003/12/22 15:39   2003/12/22 15:39   2003/12/22 15:39   2003/12/22 15:39   2003/12/22 15:39   2003/12/22 15:39   2003/12/22 15:39   2003/12/22 15:39   2003/12/22 15:40	-	63	fuel and rpm and (fan blower) and ((pulse adj width) same valve)	USPAT	2003/12/22 15:18
- 2 431/\$.ccls. and (average same voltage) and ((pulse adj width) same valve)  - 0 fuel and (average same voltage) and ((pulse adj width) same valve)  - 1 9 (average same voltage) and ((pulse adj width) same valve)  - 2 1069 (average same voltage) and ((pulse) same valve)  - 1 1069 (average same voltage) and ((pulse) same valve)  - 1 1069 (average same voltage) and ((pulse) same valve)  - 1 1069 (average same voltage) and ((pulse) same valve)  - 1 1069 (average same voltage) and ((pulse) same valve)  - 1 1069 (average same voltage) and ((pulse) same valve)  - 1 1069 (average same voltage) and ((pulse) same valve)  - 1 1069 (average adj voltage) and (pulse adj width)  - 1 1069 (average adj voltage) and (pulse adj width)  - 1 1069 (average adj voltage) and (pulse adj width)  - 1 179 valve and (average adj voltage) and (pulse adj width)  - 1 179 valve and (average adj voltage) and (pulse adj width)  - 1 1 valve and (average adj voltage) and (pulse adj width)  - 1 1 valve and (average adj voltage) and (pulse adj width)  - 1 1 valve and (average adj voltage) and (pulse adj width)  - 1 1 valve and (average adj voltage) and (pulse adj width)  - 1 1 valve and (average adj voltage) and (pulse adj width)  - 1 1 valve and (average adj voltage) and (pulse adj width)  - 1 1 valve and (average adj voltage) and (pulse adj width)  - 1 1 2003/12/22 15:40  - 1 1 2003/12/22 15:41  - 1 1 2003/12/22 15:41  - 1 1 2003/12/22 15:41  - 1 1 2003/12/22 15:41	-	18		USPAT	2003/12/22 15:21
- 2 431/\$.ccls. and (average same voltage) and ((pulse adj width) same valve)  - 0 fuel and (average same voltage) and ((pulse adj width) same valve)  - 1 9 (average same voltage) and ((pulse adj width) same valve)  - 2 1069 (average same voltage) and ((pulse) same valve)  - 1 1069 (average same voltage) and ((pulse) same valve)  - 1 1069 (average same voltage) and ((pulse) same valve)  - 1 1069 (average same voltage) and ((pulse) same valve)  - 1 1069 (average same voltage) and ((pulse) same valve)  - 1 1069 (average same voltage) and ((pulse) same valve)  - 1 1069 (average same voltage) and ((pulse) same valve)  - 1 1069 (average adj voltage) and (pulse adj width)  - 1 1069 (average adj voltage) and (pulse adj width)  - 1 1069 (average adj voltage) and (pulse adj width)  - 1 179 valve and (average adj voltage) and (pulse adj width)  - 1 179 valve and (average adj voltage) and (pulse adj width)  - 1 1 valve and (average adj voltage) and (pulse adj width)  - 1 1 valve and (average adj voltage) and (pulse adj width)  - 1 1 valve and (average adj voltage) and (pulse adj width)  - 1 1 valve and (average adj voltage) and (pulse adj width)  - 1 1 valve and (average adj voltage) and (pulse adj width)  - 1 1 valve and (average adj voltage) and (pulse adj width)  - 1 1 valve and (average adj voltage) and (pulse adj width)  - 1 1 2003/12/22 15:40  - 1 1 2003/12/22 15:41  - 1 1 2003/12/22 15:41  - 1 1 2003/12/22 15:41  - 1 1 2003/12/22 15:41	-	355	(average same voltage) and ((pulse adj width) same valve)	USPAT	2003/12/22 15:21
-   0   fuel and (average same voltage) and ((pulse adj width) same valve)   EPO, JPO, DERWENT   - 9   (average same voltage) and ((pulse adj width) same valve)   EPO, JPO; DERWENT   - 41   (average same voltage) and ((pulse) same valve)   EPO, JPO; DERWENT   - 1069   (average same voltage) and ((pulse) same valve)   USPAT   2003/12/22 15:38   - 1069   (average same voltage) and ((pulse) same valve)   USPAT   2003/12/22 15:38   - 1069   (average same voltage) and ((pulse) same valve)   USPAT   2003/12/22 15:38   - 1069   (average same voltage) and (pulse adj width)   USPAT   2003/12/22 15:39   - 1069   (average adj voltage) and (pulse adj width)   USPAT   2003/12/22 15:40   - 1070   (average adj voltage) and (pulse adj width)   USPAT   2003/12/22 15:40   - 1080   USPAT   2003/12/22 15:40   - 1091   Valve and (average adj voltage) and (pulse adj width)   USPAT   2003/12/22 15:40   - 1092   Valve and (average adj voltage) and (pulse adj width)   USPAT   2003/12/22 15:40   - 1093   Valve and (average adj voltage) and (pulse adj width)   USPAT   2003/12/22 15:40   - 1094   Valve and (average adj voltage) and (pulse adj width)   USPAT   2003/12/22 15:40   - 1095   Valve and (average adj voltage) and (pulse adj width)   USPAT   2003/12/22 15:40   - 1096   Valve and (average adj voltage) and (pulse adj width)   USPAT   2003/12/22 15:41   - 1096   VSPAT   2003/12/22 15:41   - 1096   VSPAT   2003/12/22 15:41   - 1097   VSPAT   2003/12/22 15:41   - 1098	-	l	431/\$.ccls. and (average same voltage) and ((pulse adj width) same		
- 9 (average same voltage) and ((pulse adj width) same valve)  - 41 (average same voltage) and ((pulse) same valve)  - 1069 (average same voltage) and ((pulse) same valve)  - 1069 (average same voltage) and ((pulse) same valve)  - 1069 (average same voltage) and ((pulse) same valve)  - 1069 (average same voltage) and ((pulse) same valve)  - 1069 (average same voltage) and ((pulse) same valve)  - 1069 (average same voltage) and ((pulse) same valve)  - 1069 (average same voltage) and ((pulse) same valve)  - 1069 (average adj voltage) and (pulse adj width)  - 1063 (average adj voltage) and (pulse adj width)  - 1065 (average adj voltage) and (pulse adj width)  - 1069 (average adj voltage) and (pulse adj width)  - 1079 valve and (average adj voltage) and (pulse adj width)  - 1080 valve and (average adj voltage) and (pulse adj width)  - 109 valve and (average adj voltage) and (pulse adj width)  - 109 valve and (average adj voltage) and (pulse adj width)  - 109 valve and (average adj voltage) and (pulse adj width)  - 109 valve and (average adj voltage) and (pulse adj width)  - 109 valve and (average adj voltage) and (pulse adj width)  - 110 valve and (average adj voltage) and (pulse adj width)  - 120/8.ccls. and valve and (average adj voltage) and (pulse adj width)  - 122/8.ccls. and valve and (average adj voltage) and (pulse adj width)  - 122/8.ccls. and valve and (average adj voltage) and (pulse adj width)  - 122/8.ccls. and valve and (average adj voltage) and (pulse adj width)  - 122/8.ccls. and valve and (average adj voltage) and (pulse adj width)  - 122/8.ccls. and valve and (average adj voltage) and (pulse adj width)  - 122/8.ccls. and valve and (average adj voltage) and (pulse adj width)  - 122/8.ccls. and valve and (average adj voltage) and (pulse adj width)	_	0		ЕРО; ЈРО:	2003/12/22 15:23
- 41 (average same voltage) and ((pulse ) same valve)  - 1069 (average same voltage) and ((pulse ) same valve)  - 1069 (average same voltage) and ((pulse ) same valve)  - 1069 (average same voltage) and ((pulse ) same valve)  - 1069 (average same voltage) and ((pulse ) same valve)  - 1069 (average same voltage) and ((pulse ) same valve)  - 1069 (average adj voltage) and (pulse adj width)  - 1065 (average adj voltage) and (pulse adj width)  - 1065 (average adj voltage) and (pulse adj width)  - 1069 (average adj voltage) and (pulse adj width)  - 1079 (average adj voltage) and (pulse adj width)  - 108 (average adj voltage) and (pulse adj width)  - 109 (average adj voltage) and (pulse adj width)  - 110 (average adj voltage) and (pulse adj width)  - 111 (average adj voltage) and (pulse adj width)  - 112 (average adj voltage) and (pulse adj width)  - 111 (average adj voltage) and (pulse adj width)  - 112 (average adj voltage) and (pulse adj width)  - 111 (average adj voltage) and (pulse adj width)  - 112 (average adj	_	. 9	, , , , , , , , , , , , , , , , , , , ,	DERWENT	
- 1069 (average same voltage) and ((pulse ) same valve) - 3 431/\$.ccls. and (average same voltage) and ((pulse ) same valve) - 0 431/\$.ccls. and (average adj voltage) and (pulse adj width) - 1653 (average adj voltage) and (pulse adj width) - 1695 (average adj voltage) and (pulse adj width) - 179 valve and (average adj voltage) and (pulse adj width) - 179 valve and (average adj voltage) and (pulse adj width) - 179 valve and (average adj voltage) and (pulse adj width) - 179 valve and (average adj voltage) and (pulse adj width) - 179 valve and (average adj voltage) and (pulse adj width) - 179 valve and (average adj voltage) and (pulse adj width) - 179 valve and (average adj voltage) and (pulse adj width) - 179 valve and (average adj voltage) and (pulse adj width) - 186/\$.ccls. and valve and (average adj voltage) and (pulse adj width) - 186/\$.ccls. and valve and (average adj voltage) and (pulse adj width) - 186/\$.ccls. and valve and (average adj voltage) and (pulse adj width) - 187 valve and (average adj voltage) and (pulse adj width) - 188 valve and (average adj voltage) and (pulse adj width) - 188 valve and (average adj voltage) and (pulse adj width) - 188 valve and (average adj voltage) and (pulse adj width) - 188 valve and (average adj voltage) and (pulse adj width) - 188 valve and (average adj voltage) and (pulse adj width) - 189 valve and (average adj voltage) and (pulse adj width) - 189 valve and (average adj voltage) and (pulse adj width) - 189 valve and (average adj voltage) and (pulse adj width) - 189 valve and (average adj voltage) and (pulse adj width) - 189 valve and (average adj voltage) and (pulse adj width) - 189 valve and (average adj voltage) and (pulse adj width) - 189 valve and (average adj voltage) and (pulse adj width) - 189 valve and (average adj voltage) and (pulse adj width) - 189 valve and (average adj voltage) - 189 valve and (average adj	_		, , , , , , , , , , , , , , , , , , , ,	DERWENT	
- 3 431/\$.ccls. and (average same voltage) and ((pulse ) same valve) - 0 431/\$.ccls. and (average adj voltage) and (pulse adj width) - 1653 (average adj voltage) and (pulse adj width) - 1695 (average adj voltage) and (pulse adj width) - 179 valve and (average adj voltage) and (pulse adj width) - 179 valve and (average adj voltage) and (pulse adj width) - 179 valve and (average adj voltage) and (pulse adj width) - 179 valve and (average adj voltage) and (pulse adj width) - 179 valve and (average adj voltage) and (pulse adj width) - 179 valve and (average adj voltage) and (pulse adj width) - 179 valve and (average adj voltage) and (pulse adj width) - 179 valve and (average adj voltage) and (pulse adj width) - 179 valve and (average adj voltage) and (pulse adj width) - 170 valve and (average adj voltage) and (pulse adj width) - 170 valve and (average adj voltage) and (pulse adj width) - 170 valve and (average adj voltage) and (pulse adj width) - 170 valve and (average adj voltage) and (pulse adj width) - 170 valve and (average adj voltage) and (pulse adj width) - 170 valve and (average adj voltage) and (pulse adj width) - 170 valve and (average adj voltage) and (pulse adj width) - 170 valve and (average adj voltage) and (pulse adj width) - 170 valve and (average adj voltage) and (pulse adj width) - 170 valve and (average adj voltage) and (pulse adj width) - 170 valve and (average adj voltage) and (pulse adj width) - 170 valve and (average adj voltage) and (pulse adj width) - 170 valve and (average adj voltage) and (pulse adj width)	_		-,,	DERWENT	
- 0 431/\$.ccls. and (average adj voltage) and (pulse adj width) - 1653 (average adj voltage) and (pulse adj width) - 1695 (average adj voltage) and (pulse adj width) - 179 valve and (average adj voltage) and (pulse adj width) - 179 valve and (average adj voltage) and (pulse adj width) - 179 valve and (average adj voltage) and (pulse adj width) - 170 valve and (average adj voltage) and (pulse adj width) - 170 valve and (average adj voltage) and (pulse adj width) - 170 valve and (average adj voltage) and (pulse adj width) - 170 valve and (average adj voltage) and (pulse adj width) - 170 valve and (average adj voltage) and (pulse adj width) - 170 valve and (average adj voltage) and (pulse adj width) - 170 valve and (average adj voltage) and (pulse adj width) - 170 valve and (average adj voltage) and (pulse adj width) - 170 valve and (average adj voltage) and (pulse adj width) - 170 valve and (average adj voltage) and (pulse adj width) - 170 valve and (average adj voltage) and (pulse adj width) - 170 valve and (average adj voltage) and (pulse adj width) - 170 valve and (average adj voltage) and (pulse adj width) - 170 valve and (average adj voltage) and (pulse adj width) - 170 valve and (average adj voltage) and (pulse adj width) - 170 valve and (average adj voltage) and (pulse adj width) - 170 valve and (average adj voltage) and (pulse adj width) - 170 valve and (average adj voltage) and (pulse adj width) - 170 valve and (average adj voltage) and (pulse adj width)	_	_			
- 1653 (average adj voltage) and (pulse adj width) - 1695 (average adj voltage) and (pulse adj width) - 179 valve and (average adj voltage) and (pulse adj width) - 179 valve and (average adj voltage) and (pulse adj width) - 179 valve and (average adj voltage) and (pulse adj width) - 170 valve and (average adj voltage) and (pulse adj width) - 170 valve and (average adj voltage) and (pulse adj width) - 170 valve and (average adj voltage) and (pulse adj width) - 170 valve and (average adj voltage) and (pulse adj width) - 170 valve and (average adj voltage) and (pulse adj width) - 170 valve and (average adj voltage) and (pulse adj width) - 170 valve and (average adj voltage) and (pulse adj width) - 170 valve and (average adj voltage) and (pulse adj width) - 170 valve and (average adj voltage) and (pulse adj width) - 170 valve and (average adj voltage) and (pulse adj width) - 170 valve and (average adj voltage) and (pulse adj width) - 170 valve and (average adj voltage) and (pulse adj width) - 170 valve and (average adj voltage) and (pulse adj width) - 170 valve and (average adj voltage) and (pulse adj width) - 170 valve and (average adj voltage) and (pulse adj width) - 170 valve and (average adj voltage) and (pulse adj width) - 170 valve and (average adj voltage) and (pulse adj width) - 170 valve and (average adj voltage) and (pulse adj width) - 170 valve and (average adj voltage) and (pulse adj width)					
- 1695 (average adj voltage) and (pulse adj width)  - 179 valve and (average adj voltage) and (pulse adj width)  - 179 valve and (average adj voltage) and (pulse adj width)  - 179 valve and (average adj voltage) and (pulse adj width)  - 170 valve and (average adj voltage) and (pulse adj width)  - 170 valve and (average adj voltage) and (pulse adj width)  - 179 valve and (average adj voltage) and (pulse adj width)  - 179 valve and (average adj voltage) and (pulse adj width)  - 179 valve and (average adj voltage) and (pulse adj width)  - 179 valve and (average adj voltage) and (pulse adj width)  - 179 valve and (average adj voltage) and (pulse adj width)  - 170 valve and (average adj voltage) and (pulse adj width)  - 170 valve and (average adj voltage) and (pulse adj width)  - 170 valve and (average adj voltage) and (pulse adj width)  - 170 valve and (average adj voltage) and (pulse adj width)  - 170 valve and (average adj voltage) and (pulse adj width)  - 170 valve and (average adj voltage) and (pulse adj width)  - 170 valve and (average adj voltage) and (pulse adj width)  - 170 valve and (average adj voltage) and (pulse adj width)  - 170 valve and (average adj voltage) and (pulse adj width)  - 170 valve and (average adj voltage) and (pulse adj width)  - 170 valve and (average adj voltage) and (pulse adj width)  - 170 valve and (average adj voltage) and (pulse adj width)	_	_			!
EPO; JPO USPAT; 2003/12/22 15:41  O valve and (average adj voltage) and (pulse adj width)  EPO; JPO  EPO; JPO  EPO; JPO  EPO; JPO  EPO; JPO  2003/12/22 15:40  EPO; JPO  EPO; JPO  USOCR 2003/12/22 15:40  USOCR 2003/12/22 15:40  USPAT 2003/12/22 15:41  USPAT 2003/12/22 15:41  O 126/\$.ccls. and valve and (average adj voltage) and (pulse adj width)  USPAT 2003/12/22 15:41  USPAT 2003/12/22 15:41  O 122/\$.ccls. and valve and (average adj voltage) and (pulse adj width)  USPAT 2003/12/22 15:41  USPAT 2003/12/22 15:41	~				1
EPO; JPO  valve and (average adj voltage) and (pulse adj width)  11 valve and (average adj voltage) and (pulse adj width)  valve and (average adj voltage) and (pulse adj width)  179 valve and (average adj voltage) and (pulse adj width)  179 valve and (average adj voltage) and (pulse adj width)  USPAT 2003/12/22 15:41  2003/12/22 15:41  10 122/\$.ccls. and valve and (average adj voltage) and (pulse adj width)  USPAT 2003/12/22 15:41  2003/12/22 15:41	-			ЕРО, ЈРО	
- 11 valve and (average adj voltage) and (pulse adj width) USOCR 2003/12/22 15:40 - 179 valve and (average adj voltage) and (pulse adj width) USPAT 2003/12/22 15:41 - 0 126/\$.ccls. and valve and (average adj voltage) and (pulse adj width) USPAT 2003/12/22 15:41 - 0 122/\$.ccls. and valve and (average adj voltage) and (pulse adj width) USPAT 2003/12/22 15:41	_			ЕРО; ЈРО	
- 179 valve and (average adj voltage) and (pulse adj width) - 0 126/\$.ccls. and valve and (average adj voltage) and (pulse adj width) - 0 122/\$.ccls. and valve and (average adj voltage) and (pulse adj width) USPAT 2003/12/22 15:41 - 0 122/\$.ccls. and valve and (average adj voltage) and (pulse adj width) USPAT 2003/12/22 15:41	-	_			
- 0 126/\$.ccls. and valve and (average adj voltage) and (pulse adj width) USPAT 2003/12/22 15:41 0 122/\$.ccls. and valve and (average adj voltage) and (pulse adj width) USPAT 2003/12/22 15:41	-				
- 0 122/\$.ccls. and valve and (average adj voltage) and (pulse adj width) USPAT 2003/12/22 15:41	-				
	-				
- 2 256/5.ccis. and valve and (average adj voltage) and (pulse adj width) USPA1 2003/12/22 15:42	-				
	_	2	230/3.ccis. and vaive and (average adj voltage) and (pulse adj width)	USPAT	2003/12/22 15:42

-	0	237/\$.ccls. and valve and (average adj voltage) and (pulse adj width)	USPAT	2003/12/22 15:43
-	179	valve and (average adj voltage) and (pulse adj width)	USPAT	2003/12/22 15:43
-	17	(valve same (average adj voltage)) and (pulse adj width)	USPAT	2003/12/22 15:44
-	3	251/\$.ccls. and (average adj voltage) and (pulse adj width)	USPAT	2003/12/22 15:45
-	1	251/\$.ccls. and (average adj voltage) and (pulse adj width)	USOCR	2003/12/22 15:45
-	0	137/\$.ccls. and (average adj voltage) and (pulse adj width)	USOCR	2003/12/22 15:45
-	4	137/\$.ccls. and (average adj voltage) and (pulse adj width)	USPAT	2003/12/22 15:46
-	10	pwm and 431/\$.ccls.	USPAT;	2003/12/23 07:58
			US-PGPUB;	
			ЕРО; ЈРО;	
			DERWENT;	
			IBM_TDB	
-	14	("4261508"   "4468192"   "4498861"   "4498863"   "4509913"	USPAT	2003/12/23 07:36
		"4585161"   "4631022"   "4645450"   "4793798"   "4856487"		
	_	"4927351"   "5106294"   "5190452"   "5251148").PN.		
-	7	pwm and 126/\$.ccls.	USPAT;	2003/12/23 08:20
			US-PGPUB;	
			ЕРО; ЛРО;	
			DERWENT;	
	1		IBM_TDB	
-	4	(("5458294") or ("6116230")).PN.	USPAT;	2003/12/23 08:21
			US-PGPUB;	
			ЕРО; ЛРО;	
			DERWENT;	
			IBM_TDB	
-	73	(modulat\$5 same valve) and 431/12,18,89,90.ccls.	USPAT;	2003/12/23 08:22
			US-PGPUB;	
			ЕРО; ЛРО;	
			DERWENT;	
			IBM_TDB	
-	59	(fan blower rpm speed) and (modulat\$5 same valve) and	USPAT;	2003/12/23 08:22
		431/12,18,89,90.ccls.	US-PGPUB;	
			ЕРО; ЈРО;	
			DERWENT;	
			IBM_TDB	
-	61	(motor fan blower rpm speed) and (modulat\$5 same valve) and	USPAT;	2003/12/23 08:24
		431/12,18,89,90.ccls.	US-PGPUB;	
			ЕРО; ЛРО;	
	ł		DERWENT;	
			IBM_TDB	
-	17	(motor fan blower rpm speed) and (modulat\$5 same valve) and	USPAT;	2003/12/23 08:25
		431/12,18,89,90.ccls. and calculat\$5	US-PGPUB;	
			ЕРО; ЈРО;	
			DERWENT;	
			IBM_TDB	

## PALM INTRANET

Date: 4/6/2004 Time: 17:05:36

## **Inventor Information for 09/927466**

Inventor Name	City	State/Country
KIM, JI WON	PUSAN-SHI	KOREA, REPUBLIC OF
KIM, YOUNG SOO	KYONGSANGNAM-DO	KOREA, REPUBLIC OF
KIM, IN KYU	KYONGSANGNAM-DO	KOREA, REPUBLIC OF
Appln Info Contents	Petition Info Atty/Agent Info	Continuity Data Foreign Data
<b>PCT</b> /	/ Search or P(	G PUBS # Search

To go back use Back button on your browser toolbar.

Back to PALM | ASSIGNMENT | OASIS | Home page